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TRANSMITTAL FORM			Application No.	10/511,571		
			Filing Date	May 16, 2005		
(to be used for all correspondence after initial filing)			First Named Inventor	Paul Frederick Fewster		
			Art Unit	2882		
			Examiner Name	Yun, Jurie		
Total Number of Pages in This Submission		10	Attorney Docket Number	5926P037		
ENCLOSURES (check all that apply)						
Fee Transmittal	Form Drawing(s)			After Allowance Communication to TC		
Fee Attack	ned	Licensing-r	elated Papers	Appeal Communication to Board of Appeals and Interferences		
Amendment / Reply		Petition		Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)		
After Final Affidavits/declaration(s)		Petition to Convert a Provisional Application		Proprietary Information		
Extension of Time Request		Power of Attorney, Revocation Change of Correspondence Address		Status Letter		
Express Abandonment Request		Terminal D	Disclaimer	Other Enclosure(s) (please identify below):		
Information Disclosure Statement		Request for	Refund	postcard		
PTO/SB/08		CD, Numbe	er of CD(s)			
Certified Copy of Priority Document(s)		Lands	cape Table on CD			
Response to Missing Parts/ Incomplete Application		Remarks				
Basic Filing Fee						
Declaration/POA						
Response to Missing Parts under 37 CFR 1.52 or 1.53						
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT						
Firm or	Eric S. Hyman, Reg. No. 30,139					
Individual name	BLAKELY, SOKOLOEP, TAYLOR & ZAFMAN LLP					
Signature	907					
Date 1/24/01				1)		
CERTIFICATE OF MAILING/TRANSMISSION						
I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.						
Typed or printed name Linda Metz						
Signature Suus		Net		Date 1/25/07		

Based on PTO/SB/21 (09-04) as modified by Blakely, Solokoff, Taylor & Zeffman (ndc) 10/12/2006. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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## Complete if Known **TRANSMITTAL** Application Number 10/511,571 for FY 2006 Filing Date May 16, 2005 First Named Inventor Paul Frederick Fewster Patent fees are subject to annual revision. **Examiner Name** Yun, Jurie Applicant claims small entity status. See 37 CFR 1.27. Art Unit 2882 TOTAL AMOUNT OF PAYMENT Attorney Docket No. 5926p037 METHOD OF PAYMENT (check all that apply) ☐ Check ☐ Credit card ☐ Money Order ☐ None Other (please identify): Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below, except for the filing fee ☐ Charge fee(s) indicated below Charge any additional fee(s) or underpayment of fee(s) Credit any overpayments under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20. **FEE CALCULATION** Large Entity Small Entity Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$) 1051 130 2051 65 Surcharge - late filing fee or oath 2052 1052 50 <sup>25</sup> Surcharge - late provisional filing fee or cover sheet. 2053 130 2053 130 Non-English specification 2251 1251 120 60 Extension for reply within first month 450 2252 1252 225 Extension for reply within second month 1,020 2253 1253 510 Extension for reply within third month 1,590 2254 1254 <sup>795</sup> Extension for reply within fourth month 1255 2,160 2255 1,080 Extension for reply within fifth month 1401 500 2401 <sup>250</sup> Notice of Appeal 1402 500 2402 <sup>250</sup> Filing a brief in support of an appeal 1403 1,000 2403 500 Request for oral hearing 1451 1,510 2451 1,510 Petition to institute a public use proceeding 2460 1460 130 130 Petitions to the Commissioner 1807 50 1807 <sup>50</sup> Processing fee under 37 CFR 1.17(q) 1806 180 1806 180 Submission of Information Disclosure Stmt 1809 790 1809 395 Filing a submission after final rejection (37 CFR § 1.129(a)) 1810 790 2810 395 For each additional invention to be examined (37 CFR § 1.129(b)) Other fee (specify) SUBTOTAL (2) SUBMITTED BY Complete (if applicable) Registration No.



Our Ref. No.: 005926.P037

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re A	application of:	) Everiner Vun Iurie
Paul F	rederick Fewster	) Examiner: Yun, Jurie )
Serial	No.: 10/511,571	) Art Unit: 2882 )
Filed:	May 16, 2005	)
For:	X-RAY DIFFRACTION APPARATUS	)
	AND METHOD	)

Mail Stop: Amendments Commission for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

## AMENDMENT AND RESPONSE TO OFFICE ACTION

Sir:

In response to the Office Action dated November 9, 2006, Applicant respectfully requests entry of the amendments set forth below and consideration of the remarks that follow.

10/511,571